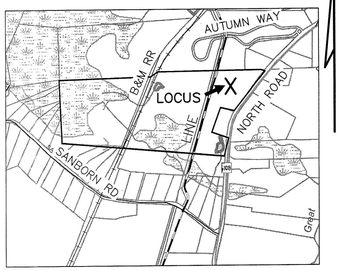
LOCUS MAP

NOT TO SCALE



SOIL CLASS: 42 CANTON, 33 SCITICO

(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET HUB EL 50.00

#2 SET HUB EL 50.22

#3 EDGE PAD AT ENTRY EL 52.33

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 48.0
2. THERE IS/ARE APPROX 0.5 FT ABOVE ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. EL 47.5

SUITABLE REPLACEMENT AREA:

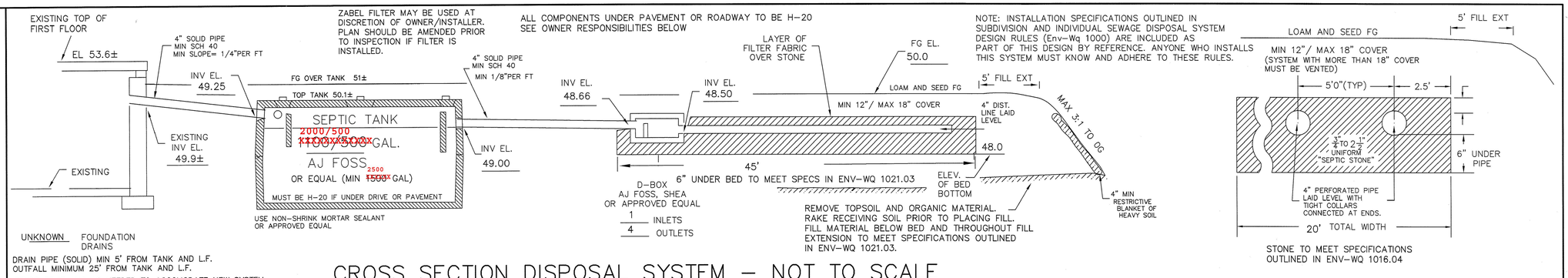
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

50 — EXISTING CONTOUR
(50) — PROPOSED CONTOUR
50.0 — EXISTING SPOT ELEVATION
(50.0) — PROPOSED SPOT ELEVATION

NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE: DEED, TAX MAP
2. NHDES–WS&PCD SUBDIVISION APPROVAL NUMBER: LOT OF RECORD PRE 1967 OVER 5 AC REF. RCRD 1821–466 (1966)
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE. BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
4. a) NO SURFACE WATER WITHIN 100'
   b) NO WELLS WITHIN 100'
   c) NO HYDRIC B SOILS WITHIN 50'
   d) NO HYDRIC A SOILS WITHIN 75'
   OF PROPOSED SYSTEM



CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

PLAN : 1"=20'

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON ANY SYSTEM COMPONENTS.

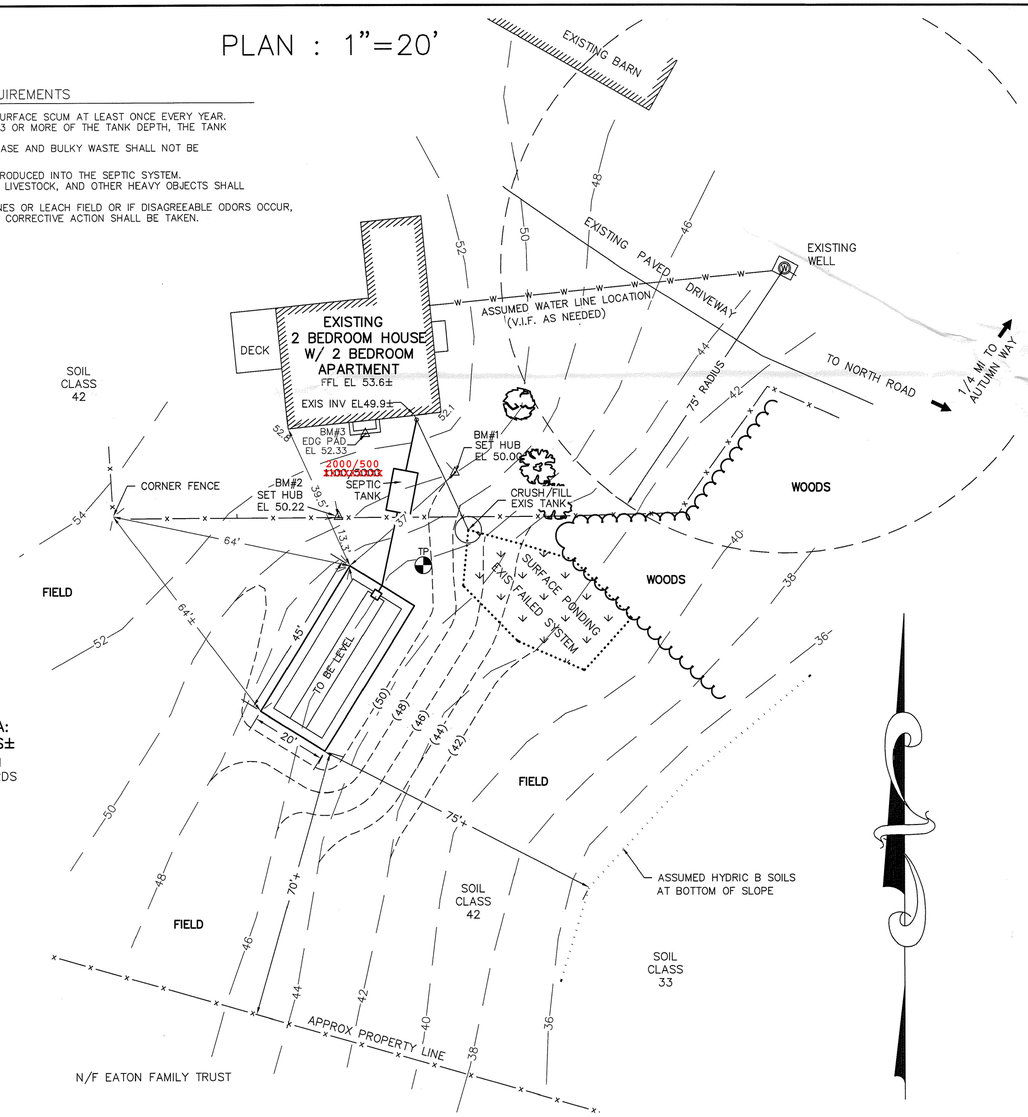
ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

NOTES: (CONT.)

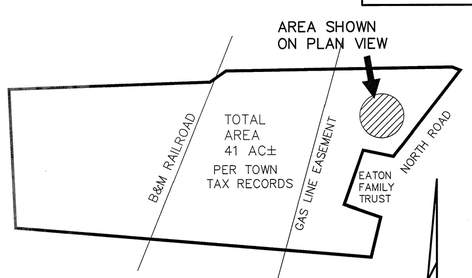
5 DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS/DISCREPANCIES FOUND DURING SYSTEM INSTALLATION. (603 929–7404)
INSTALLER IS RESPONSIBLE FOR ANY TOWN PERMITS OR INSPECTIONS REQUIRED FOR THIS INSTALLATION.

6. PROPOSED ISDS IS DESIGNED TO SERVICE 2 UNITS IN 1 STRUCTURE WITH DISHWASHERS, WASHING MACHINES, TOILETS, AND TUB/SHOWERS. THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT OR THE ABUTTING LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS OR WELL
7. EXISTING SYSTEM FAILURE EVIDENCED BY SEVERE PONDING OVER EXISTING LEACH FIELD

THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, SEWAGE EJECTOR PUMP WASTE, OR BACKWASH FROM WATER SOFTENER SYSTEMS. ANY OF THESE ITEMS IN PLACE AT THIS TIME MUST BE REMOVED, DISABLED, OR ROUTED TO SEPARATE DRYWELL, AS APPLICABLE, PRIOR TO OPERATION OF NEW SYSTEM. USE OF GARBAGE DISPOSAL OR EJECTOR PUMP WILL REQUIRE CHANGES TO THIS DESIGN.



LOT AREA: 41 ACRES±
PER TOWN TAX RECORDS



CONFIGURATION SHOWN IS APPROXIMATE FROM TAX MAP

LOT PLAN

1" =APPROX 500'

TP TEST PIT DATA

DATE: OCTOBER 15, 2015
TOWN INSPECTOR: JOHN MOREAU

TEST PIT #1

0–18"	10YR4/4 FINE SANDY LOAM, GRANULAR FRIABLE
18–32"	2.5Y5/4 FINE SANDY LOAM MASSIVE FIRM, WITH MOTTLES WITH ROOTS BUT RESTRCTIVE
32–52"	2.5Y6/6 FINE SAND, GRANULAR FRIABLE, WITH MOTTLES
52–72"	2.5Y7/3 VERY FINE SAND, GRANULAR FRIABLE, WITH MOTTLES

ESHWT @ 18", NO OBSERVED WATER, NO REFUSAL

PT PERC TEST DATA

DESIGN PERC RATE ABOVE ESHWT: 4 MIN/IN

DESIGN LOADING: EXISTING TOTAL 4 BEDROOMS

AREA REQUIRED: 825 SQUARE FEET

AREA PROPOSED: 20' X 45' = 900 SF PROVIDED

TOWN OF EAST KINGSTON
Approved
Signed
Date 10/28/2015

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM

LOCUS: 131 NORTH ROAD
EAST KINGSTON, NH
TAX MAP 16 LOT 2–2

OWNER: WILLIAM A. & LOIS V. TURCO, TRUSTEES
WILLIAM A. TURCO REVOCABLE TRUST OF 2001
LOIS V. TURCO REVOCABLE TRUST OF 2001
131 NORTH ROAD
EAST KINGSTON, NH 03827

NEW HAMPSHIRE Designer of Subsurface Disposal Systems
Ann W. Bistobrzeski No. 348
Water Supply & Pollution Control

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843–1306
603 929–7404

DATE: OCTOBER 22, 2015
INCREASE TANK SIZE 11-17-15

APPROVAL:

736

REVIEWED AND APPROVED
IN ACCORDANCE WITH THE REQUIREMENTS OF THE NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION
Eric Thomas
Date: 11/20/2015
#eGA2015112009